

In the Specification:

Please replace the Title with the following amended title:

NOVEL (3) AND (6) SUBSTITUTED ESTROGENIC COMPOUNDS

On page 1, please replace the first paragraph, lines 1-4, with the following:

Cross-Reference to Related Applications

The present application is a continuation application of U.S. Patent Application No. 09/800,614, now U.S. Patent No. 6,660,726; filed March 8, 2001, which claims priority to Provisional Application No. 60/188,533 filed March 10, 2000, the disclosures of which are hereby incorporated by reference in their entireties.

Please replace Table 1 on pages 24 and 25 with the following reformatted table:

--Table 1. Summary Table of Proton NMR and COSY Band Assignments

| Chemical Shift | Multiplicity* | Number Of Protons | COSY Couplings** | Tenative (ppm) Assignment |
|----------------|---------------|-------------------|--------------------------|---------------------------|
| 0.52 | s | 3 | <u>12b</u> | 18 |
| 1.17 | t | 9 | 19 | 20 |
| 1.52 | m | 1 | <u>14, 15b, 16a, 16b</u> | 15a |
| 1.60 | m | 1 | <u>15a, 15b, 16b</u> | 6a |
| 1.73 | m | 1 | <u>11a, 11b, 12b</u> | 12a |
| 2.04 | m | 1 | <u>11a, 11b, 12a, 18</u> | 12b |
| 2.16 | m | 1 | <u>14, 15a, 16a</u> | 15b |
| 2.27 | m | 1 | <u>15a, 16a, 17</u> | 16b |
| 2.50 | --- | --- | --- | solvent-DMSO |
| 2.99 | m | 1 | <u>12a, 12b, 11b</u> | 11a |
| 3.09 | q | 6 | 20 | 19 |
| 3.10 | d | 1 | <u>15a, 15b</u> | 14 |
| 3.13 | m | 1 | <u>12a, 12b</u> | 11b |
| 3.17 | --- | --- | --- | solvent-MeOH |
| 3.33 | --- | --- | --- | solvent-H ₂ O |
| 3.76 | t | 1 | <u>16b, 17-OH</u> | 17 |
| 4.09 | --- | --- | --- | solvent-MeOH |
| 4.50 | d(w) | 1 | 17 | 17(OH) |
| 6.62 | s | 1 | --- | 7 |
| 7.30 | d of d | 1 | <u>1,4</u> | 2 |
| 7.75 | d | 1 | 2 | 1 |
| 7.85 | d(w) | 1 | <u>2</u> | 4 |

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| | | | | |
|------|----|---|-----|-----------------|
| 8.90 | bs | 1 | --- | NH ⁺ |
| 9.64 | s | 1 | --- | 6(OH) |

* s-singlet, d-doublet, t-triplet, q-quartet, m-multiplet, b-broad, w-weak

** weaker couplings are underlined--

Please replace Table 2 on page 25 with the following amended table:

--Table 2. Summary Table of Carbon NMR, HMQC, and HMBC Peak Assignments

| Chemical Shift | Number Of Carbons | HMQC Couplings | HMBC Couplings | Tentative (ppm) Assignments |
|----------------|-------------------|----------------|-------------------------|-----------------------------|
| 8.6 | 3 | 1.17 | --- | 20 |
| 15.8 | 1 | 0.52 | 12, 13, 17 | 18 |
| 23.4 | 1 | 2.99, 3.13 | 8, 9, 13 | 11 |
| 24.6 | 1 | 1.52, 2.16 | 8, 13, 16 | 15 |
| 29.2 | 1 | 1.73, 2.04 | 9, 11, 13, 18 | 12 |
| 32.9 | 1 | 1.60, 2.27 | 15, 17 | 16 |
| 39-40 | --- | --- | --- | solvent-DMSO |
| 44.4 | 1 | --- | --- | 13 |
| 44.5 | 1 | 3.10 | 8, 9, 12, 13, 15, 18 | 14 |
| 45.7 | <u>43</u> | 3.09 | --- | 19 |
| 48.5 | --- | --- | --- | solvent-MeOH |
| 77.3 | 1 | 3.76 | 13, 15, 18 | 17 |
| 107.5 | 1 | 6.62 | 5, 6, 9, 14 | 7 |
| 111.7 | 1 | 7.85 | 2, 3, 6, 10 | 4 |
| 119.9 | 1 | --- | --- | 9 |
| 121.5 | 1 | 7.30 | 10 | 2 |
| 123.6 | 1 | 7.75 | 3, 5, 9, 10 | 1 |
| 123.7 | 1 | --- | --- | 5 |
| 129.4 | 1 | --- | --- | 10 |
| 136.0 | 1 | --- | --- | 8 |
| 149.4 | 1 | --- | --- | 3 |
| 150.7 | 1 | --- | --- | 6 |
| --- | --- | 4.50 | 13, 16, 17 | 17(OH) |
| --- | --- | 9.64 | 5, 6, 7 | 6(OH) |

Please replace Table 3 on page 31 with the following reformatted table:

--Table 3. Summary Table of Proton NMR and COSY Band Assignments

| Chemical Shift | <u>Multiplicity*</u> | Number Of Protons | <u>COSY Couplings**</u> | Tentative (ppm) Assignment |
|----------------|----------------------|-------------------|-------------------------|----------------------------|
| 0.70 | s | 3 | --- | 18 |
| 1.17 | t | 9 | 19 | 20 |
| 1.78 | m | 1 | 11b, 12b | 12a |
| 1.88 | m | 1 | 14, <u>15b</u> , 16b | 15a |
| 2.00 | m | 1 | 11a, 12a | 12b |
| 2.32 | m | 1 | 16b | 16a |
| 2.39 | m | 1 | 14, <u>15a</u> | 15b |
| 2.50 | --- | --- | --- | solvent-DMSO |
| 2.62 | m | 1 | 15a, 16a | 16b |
| 3.08 | m | 1 | 12b | 11a |
| 3.10 | q | 6 | 20 | 19 |
| 3.12 | m | 1 | 12a | 11b |
| 3.14 | d | 1 | <u>15a</u> , 15b | 14 |
| 3.18 | --- | --- | --- | solvent-MeOH |
| 3.34 | --- | --- | --- | solvent-H ₂ O |
| 4.10 | --- | --- | --- | solvent-MeOH |
| 6.69 | s | 1 | --- | 7 |
| 7.33 | d of d | 1 | 1, <u>4</u> | 2 |
| 7.77 | d | 1 | 2 | 1 |
| 7.89 | d(w) | 1 | <u>2</u> | 4 |
| 8.88 | bs | 1 | --- | NH ⁺ |
| 9.83 | s | 1 | --- | 6(OH) |

* s-singlet, d-doublet, t-triplet, q-quartet, m-multiplet, b-broad, w-weak

** weaker couplings are underlined--

Please replace Table 4 on pages 31 and 32 with the following amended table:

--Table 4. Summary Table of Carbon NMR, HMQC, and HMBC Peak Assignments

| Chemical Shift | Number Of Carbons | HMQC Couplings | HMBC Couplings | Tentative (ppm) Assignments |
|----------------|-------------------|----------------|----------------------|-----------------------------|
| 8.6 | 3 | 1.17 | --- | 20 |
| 12.7 | 1 | 0.70 | 12, 13, 14, 17 | 18 |
| 21.4 | 1 | 1.88, 2.39 | 13, 14, 17 | 15 |
| 22.9 | 1 | 3.08, 3.12 | 8, 9, 12, 13 | 11 |
| 28.8 | 1 | 1.78, 2.00 | 9, 11, 13, 14 | 12 |
| 36.1 | 1 | 2.32, 2.62 | 14, 15, 17 | 16 |
| 39-40 | --- | --- | --- | solvent-DMSO |
| 45.7 | <u>43</u> | 3.10 | --- | 19 |
| 45.9 | 1 | 3.14 | 8, 9, 12, 13, 15, 18 | 14 |
| 46.9 | <u>31</u> | --- | --- | 13 |
| 48.5 | --- | --- | --- | solvent-MeOH |
| 106.0 | 1 | 6.69 | 4, 5, 6, 9, 14 | 7 |
| 111.7 | 1 | 7.89 | 2, 3, 6, 10 | 4 |
| 120.1 | 1 | --- | --- | 9 |
| 121.8 | 1 | 7.33 | 3, 4, 10 | 2 |
| 123.7 | 1 | 7.77 | 3, 4, 5, 6, 9, 10 | 1 |
| 124.2 | 1 | --- | --- | 5 |
| 129.4 | 1 | --- | --- | 10 |
| 133.3 | 1 | --- | --- | 8 |
| 149.7 | 1 | --- | --- | 3 |
| 151.2 | 1 | --- | --- | 6 |
| 218.9 | 1 | --- | --- | 17 |
| --- | --- | 9.83 | 5, 6, 7, 10 | 6(OH) |